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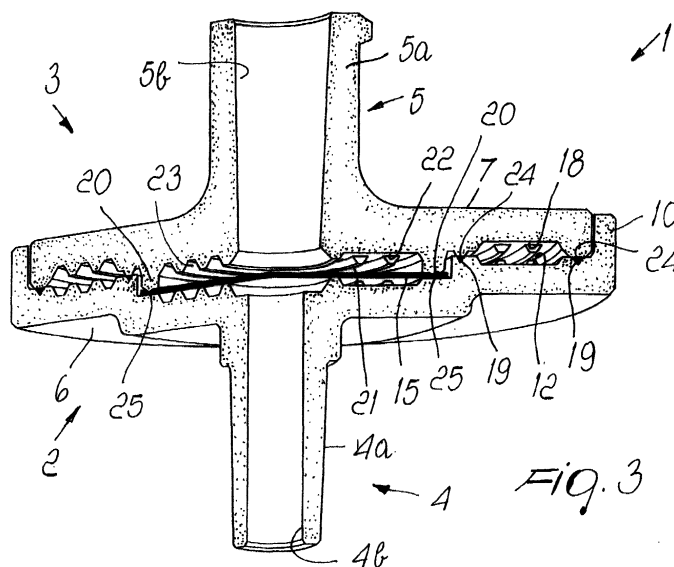
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(54) **Transducer protection device, particularly for hemodialysis processes**

(57) A transducer protection device, particularly for hemodialysis processes, which comprises a first element (2) and a second element (3) made of plastics which are coupled coaxially with respect to a common axis (A) and respectively comprise a first tubular connector (4) and a second tubular connector (5) which are blended with respective flanges (6,7) which are coaxial to the common axis (A); the flanges (6,7) are coupled to each other along their peripheral region by ultrasonic thermal bonding; the device has a recess (8) formed

frontally on a first one (6) of the flanges, the recess (8) being coaxial to the common axis (A) and being suitable for accommodating, in a fixed arrangement, a semipermeable membrane (15) by imbibition of melted plastics along a circular border region (25) by the thermal bonding provided on a circular ridge (20) which is shaped complementarily to the border region (25) and protrudes frontally from the second flange (7) so as to achieve bonding between the first (6) and second (7) flanges and the membrane (15).





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 00 10 9155

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 23 January 2002	Examiner Weihs, J
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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